What is claimed is:

5   1.   A method for caching an online service on a local point of presence, the online service being hosted on a remote host computer, the method comprising:

receiving a request, at a local point of presence, to access an online service;

determining if the requested online service is locally stored on the local
10   point of presence;

in response to determining that the requested online service is not locally stored, downloading the requested online service from a remote host computer hosting the requested online service; and

storing the downloaded online service on the local point of presence.

15   2.   The method of Claim 1 further comprising determining if the requested online service is downloadable by the local point of presence.

3.   The method of Claim 1 further comprising executing the requested online service on the local point of presence.

4.   The method of Claim 1, wherein the requested online service is locally
20   stored in cache memory.

5.   The method of Claim 1, wherein the requested online service conforms to HP's e-speak specifications.

6.   The method of Claim 1, wherein downloading the requested online service comprises downloading the online service object code.

25   7.   The method of Claim 1, wherein downloading the requested online service comprises downloading data associated with the requested online service.

8.   The method of Claim 1 further comprising:

maintaining an age limit for the requested online service;

determining an age of the requested online service locally stored on the
30   local point of presence, the age being a time duration since the online service was last accessed; and

in response to determining that the age exceeds the age limit, removing the locally stored online service from the local point of presence.

9.   The method of Claim 1 further comprising receiving one or more caching properties for a locally stored online service.

10.   A computer-readable storage medium having stored thereon computer instructions that, when executed by a computer, cause the computer to:

        receive a request to access an online service;

        determine if the requested online service is locally stored on a local point of presence;

        in response to determining that the requested online service is not locally stored, download the requested online service from a remote host computer hosting the requested online service to the local point of presence; and

        store the downloaded online service on the local point of presence.

11.   The computer-readable storage medium of Claim 10, wherein the computer is a component of the local point of presence.

12.   The computer-readable storage medium of Claim 10, wherein the computer instructions that receive a request to access an online service further comprise computer instructions that, when executed by a computer, cause the computer to determine if the requested online service is downloadable by the local point of presence.

13.   The computer-readable storage medium of Claim 10, wherein the computer instructions that receive a request to access an online service further comprise computer instructions that, when executed by a computer, cause the computer to execute the requested online service on the local point of presence.

14.   The computer-readable storage medium of Claim 10, wherein the requested online service is locally stored in cache memory.

15.   The computer-readable storage medium of Claim 10, wherein the requested online service conforms to HP's e-speak specifications.

16.   The computer-readable storage medium of Claim 10, wherein the downloaded online service comprises the online service object code.

17.   The computer-readable storage medium of Claim 10, wherein the downloaded online service comprises the data associated with the online service.

18.   The computer-readable storage medium of Claim 10, wherein the computer instructions that receive a request to access an online service further comprise computer instructions that, when executed by a computer, cause the computer to:

        maintain an age limit for the requested online service;

determine an age of the requested online service locally stored on the local point of presence, the age being a time duration since the online service was last accessed; and

in response to determining that the age exceeds the age limit, remove the locally stored online service from the local point of presence.

19.   The computer-readable storage medium of Claim 10, wherein the computer instructions that receive a request to access an online service further comprise computer instructions that, when executed by a computer, cause the computer to receive one or more caching properties for a locally stored online service.

20.   A service caching system for locally storing a requested online service, the online service being hosted on a remote host computer, the system comprising:

a means for maintaining a record of a plurality of online services locally stored on a local point of presence;

a means for receiving a request to access an online service;

a means for determining if the requested online service is locally stored on the local point of presence;

in response to determining that the requested online service is not locally stored, a means for downloading the requested online service from a remote host computer hosting the requested online service; and

a means for storing the downloaded online service on the local point of presence.